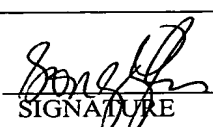


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| FORM PTO-1390 (REV 01-2003) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER: 095309.55873US | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) To Be Assigned 10/523 812 | |
| | | | | PRIORITY DATE CLAIMED August 7, 2002 | |
| INTERNATIONAL APPLICATION NO. PCT/EP2003/007910 | | INTERNATIONAL FILING DATE July 19, 2003 | | | |
| TITLE OF INVENTION METHOD OF MAKING A JOINT | | | | | |
| APPLICANT(S) FOR DO/EO/US Stefan SCHWARZ | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| <p>1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> has been transmitted by the International Bureau</p> <p>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>a. <input type="checkbox"/> is attached herewith.</p> <p>b. <input type="checkbox"/> has been previously submitted under 35 USC 154(d)(4).</p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</p> <p>b. <input type="checkbox"/> have been transmitted by the International Bureau.</p> <p>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p>d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))</p> <p>10. <input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p>Item 11. to 20. below concern other document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p> <p>a. <input type="checkbox"/></p> <p>b. <input type="checkbox"/></p> <p>c. <input type="checkbox"/></p> <p>d. <input type="checkbox"/></p> | | | | | |

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|---|--------------|--|------------|---|---------------------|--|------|-----------|----------|--|------------|----|--|
| U.S. APPLICATION NO. (if known, see 37 CFR 1.5) To Be Assigned | | INTERNATIONAL APPLICATION NO. PCT/EP2003/007910 | | ATTORNEY'S DOCKET NUMBER 095309.55873US | | | | | | | | | |
| 21. The following fees are submitted: | | | | CALCULATIONS | PTO USE ONLY | | | | | | | | |
| <input type="checkbox"/> a) Basic national fee\$300.00 <input type="checkbox"/> b) Examination fee\$200.00 <input type="checkbox"/> c) Search fee\$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00 | | | | \$ | | | | | | | | | |
| Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Total Sheets</td> <td style="width: 20%;">Extra sheets</td> <td style="width: 20%;">Number of each add'l 50 or fraction thereof (round up to a whole number)</td> <td style="width: 40%;">RATE</td> </tr> <tr> <td>9 - 100 =</td> <td>0 / 50 =</td> <td></td> <td>x \$250.00</td> </tr> </table> | | | | Total Sheets | Extra sheets | Number of each add'l 50 or fraction thereof (round up to a whole number) | RATE | 9 - 100 = | 0 / 50 = | | x \$250.00 | \$ | |
| Total Sheets | Extra sheets | Number of each add'l 50 or fraction thereof (round up to a whole number) | RATE | | | | | | | | | | |
| 9 - 100 = | 0 / 50 = | | x \$250.00 | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | | | | | | | | | |
| Claims | Number Filed | Number Extra | Rate | | | | | | | | | | |
| Total Claims | 19 - 20 = | 0 | X \$50.00 | \$ | | | | | | | | | |
| Independent Claims | 1 - 3 = | 0 | X \$200.00 | \$ | | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ | | | | | | | | | |
| <input type="checkbox"/> Applicant claims Small Entity Status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ | | | | | | | | | |
| SUBTOTAL = | | | | \$ | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ | | | | | | | | | |
| TOTAL NATIONAL FEE = | | | | \$ | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$ | | | | | | | | | |
| TOTAL FEE ENCLOSED = | | | | \$ | | | | | | | | | |
| Amount to be refunded: | | | | \$ | | | | | | | | | |
| Amount to be charged: | | | | \$ | | | | | | | | | |
| a. <input checked="" type="checkbox"/> A check in the amount of \$1,000.00 for the filing fee is enclosed b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 05-1323 (Docket No. 095309.55873US) in the amount of \$130.00 to cover the surcharge. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 05-1323 (Docket No. 095309.55873US) . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: Crowell & Moring, LLP Intellectual Property Group P.O. Box 14300 Washington, D.C. 20044-4300 Tel. No. (202) 624-2500 Fax No. (202) 628-8844 | | | |  SIGNATURE NAME: Song Zhu, Ph.D. REGISTRATION NUMBER: 44,420 DATE: February 7, 2005 | | | | | | | | | |